

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15	(contact adj angle with (difference differentiat\$3 different) with ((rolling near2 elements) (balls) (bearings))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:24
L2	15	(US-20060070462-\$ or US-20060075833-\$ or US-20050259900-\$ or US-20020196989-\$).did. or (US-5026178-\$ or US-5046867-\$ or US-4865468-\$ or US-6989618-\$ or US-4960333-\$ or US-7138740-\$ or US-7084537-\$ or US-5440184-\$ or US-6830379-\$ or US-5517858-\$ or US-6619849-\$ or US-6471407-\$ or US-6234022-\$ or US-5877433-\$ or US-5495764-\$).did. or (GB-2382142-\$ or WO-2004104545-\$ or EP-1069435-\$ or WO-2004072598-\$).did. or (JP-2004257415-\$ or JP-2003200455-\$ or JP-2001242188-\$ or JP-2001233010-\$ or JP-2001021577-\$ or JP-2000258447-\$ or JP-2000018241-\$ or JP-11078408-\$ or JP-2003279425-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/20 14:25
L3	4	contact near2 angle and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:25
L4	119	(contact adj angle with (difference differentiat\$3 different) with ((rolling near2 elements) (balls) (bearings)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:25
S1	1	("20060042406").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/10 18:14
S2	0	("2006/0042406").URPN.	USPAT	OR	ON	2006/12/10 18:14
S3	284	(73/862.541).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/10 19:49
S4	0	("2006/0075833").URPN.	USPAT	OR	ON	2006/12/10 20:03

## EAST Search History

S5	9	((("6,856,061") or ("3,431,525") or ("6,830,379") or ("6,161,962") or ("6,802,208") or ("6,989,618") or ("4,960,333") or ("4,701,651"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/10 20:03
S6	8	((("6,856,061") or ("3,431,525") or ("6,830,379") or ("6,161,962") or ("6,802,208") or ("6,989,618") or ("4,960,333") or ("4,701,651"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/10 20:03
S7	15	("4069435"   "4865468"   "4960333"   "4984455"   "5119300"   "5440184"   "5749060"   "5898388"   "6049269"   "6122577"   "6161962").PN. OR ("6830379").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 20:08
S8	12	((KOICHIRO) near2 (ONO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 11:58
S9	2	((("5026178") or ("5046867"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/10 20:11
S10	28	(carlo near2 bianco).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/10 20:13
S11	2	((("5026178") or ("5046867"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/10 20:13
S12	2	WO-2004104545-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:56
S13	1	("5517858").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/12 14:44
S14	284	(73/862.541).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/12 14:44
S15	142	(73/862.322).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/12 14:44

## EAST Search History

S16	0	JP-20001021577-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:51
S17	2	JP-2001021577-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:54
S18	27	(katano near2 kaoru).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:55
S19	2	JP-2003130762-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:57
S20	14	(tadokoro near2 hisakazu).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:57
S21	2	WO-2004072598-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:56
S22	2	JP-2004045219-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:58
S23	55	(ishikawa near2 hiroo).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 14:57

## EAST Search History

S24	2	JP-2003279425-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:06
S25	32	(US-20060070462-\$ or US-20060075833-\$ or US-20050259900-\$ or US-20020196989-\$.did. or (US-5026178-\$ or US-5046867-\$ or US-4865468-\$ or US-6989618-\$ or US-4960333-\$ or US-7138740-\$ or US-7084537-\$ or US-5440184-\$ or US-6830379-\$ or US-5517858-\$ or US-6619849-\$ or US-6471407-\$ or US-6234022-\$ or US-5877433-\$ or US-5495764-\$.did. or (GB-2382142-\$ or WO-2004104545-\$ or EP-1069435-\$ or WO-2004072598-\$.did. or (JP-2004257415-\$ or JP-2003200455-\$ or JP-2001242188-\$ or JP-2001233010-\$ or JP-2001021577-\$ or JP-2000258447-\$ or JP-2000018241-\$ or JP-11078408-\$ or JP-2003279425-\$.did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:06
S26	10	angle and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:35
S27	2864	(contact with angle with (difference differentiat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:41
S28	3	S20 and ((rolling near2 elements) (balls) (bearings)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:20

## EAST Search History

S29	217	S27 and ((rolling near2 elements) (balls) (bearings)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:41
S30	53	S29 and (sens\$3 detect\$3 measur\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/13 16:17
S31	32	(US-20060070462-\$ or US-20060075833-\$ or US-20050259900-\$ or US-20020196989-\$).did. or (US-5026178-\$ or US-5046867-\$ or US-4865468-\$ or US-6989618-\$ or US-4960333-\$ or US-7138740-\$ or US-7084537-\$ or US-5440184-\$ or US-6830379-\$ or US-5517858-\$ or US-6619849-\$ or US-6471407-\$ or US-6234022-\$ or US-5877433-\$ or US-5495764-\$).did. or (GB-2382142-\$ or WO-2004104545-\$ or EP-1069435-\$ or WO-2004072598-\$).did. or (JP-2004257415-\$ or JP-2003200455-\$ or JP-2001242188-\$ or JP-2001233010-\$ or JP-2001021577-\$ or JP-2000258447-\$ or JP-2000018241-\$ or JP-11078408-\$ or JP-2003279425-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/12 15:35
S32	6	contact near2 angle and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/13 16:16
S33	2150	(contact adj angle with (difference differentiat\$3 different))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:42

## EAST Search History

S34	193	S33 and ((rolling near2 elements) (balls) (bearings)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:43
S35	2588769	(contact adj angle with (difference differentiat\$3 different) with (rolling near2 elements) (balls) (bearings))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:43
S36	110	(contact adj angle with (difference differentiat\$3 different) with ((rolling near2 elements) (balls) (bearings)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:25
S37	59	S36 and ((rolling near2 elements) (balls) (bearings)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:43
S38	40	(US-20060070462-\$ or US-20060075833-\$ or US-20050259900-\$ or US-20020196989-\$).did. or (US-5026178-\$ or US-5046867-\$ or US-4865468-\$ or US-6989618-\$ or US-4960333-\$ or US-7138740-\$ or US-7084537-\$ or US-5440184-\$ or US-6830379-\$ or US-5517858-\$ or US-6619849-\$ or US-6471407-\$ or US-6234022-\$ or US-5877433-\$ or US-5495764-\$ or US-6932736-\$ or US-6505968-\$ or US-5952587-\$ or US-5655844-\$ or US-5540575-\$ or US-5409359-\$ or US-4353603-\$ or US-3826545-\$).did. or (GB-2382142-\$ or WO-2004104545-\$ or EP-1069435-\$ or WO-2004072598-\$).did. or (JP-2004257415-\$ or JP-2003200455-\$ or JP-2001242188-\$ or JP-2001233010-\$ or JP-2001021577-\$ or JP-2000258447-\$ or JP-2000018241-\$ or JP-11078408-\$ or JP-2003279425-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 14:57

## EAST Search History

S39	6	(calculat\$3 with load with sens\$3) and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 20:47
S40	1	("5089817").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/13 20:45
S41	40	(US-20060070462-\$ or US-20060075833-\$ or US-20050259900-\$ or US-20020196989-\$).did. or (US-5026178-\$ or US-5046867-\$ or US-4865468-\$ or US-6989618-\$ or US-4960333-\$ or US-7138740-\$ or US-7084537-\$ or US-5440184-\$ or US-6830379-\$ or US-5517858-\$ or US-6619849-\$ or US-6471407-\$ or US-6234022-\$ or US-5877433-\$ or US-5495764-\$ or US-6932736-\$ or US-6505968-\$ or US-5952587-\$ or US-5655844-\$ or US-5540575-\$ or US-5409359-\$ or US-4353603-\$ or US-3826545-\$).did. or (GB-2382142-\$ or WO-2004104545-\$ or EP-1069435-\$ or WO-2004072598-\$).did. or (JP-2004257415-\$ or JP-2003200455-\$ or JP-2001242188-\$ or JP-2001233010-\$ or JP-2001021577-\$ or JP-2000258447-\$ or JP-2000018241-\$ or JP-11078408-\$ or JP-2003279425-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/13 20:47
S42	9	(load with sens\$3) and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 20:47
S43	117	(contact adj angle with (difference differentiat\$3 different) with ((rolling near2 elements) (balls) (bearings)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:24

## EAST Search History

S44	15	(US-20060070462-\$ or US-20060075833-\$ or US-20050259900-\$ or US-20020196989-\$).did. or (US-5026178-\$ or US-5046867-\$ or US-4865468-\$ or US-6989618-\$ or US-4960333-\$ or US-7138740-\$ or US-7084537-\$ or US-5440184-\$ or US-6830379-\$ or US-5517858-\$ or US-6619849-\$ or US-6471407-\$ or US-6234022-\$ or US-5877433-\$ or US-5495764-\$).did. or (GB-2382142-\$ or WO-2004104545-\$ or EP-1069435-\$ or WO-2004072598-\$).did. or (JP-2004257415-\$ or JP-2003200455-\$ or JP-2001242188-\$ or JP-2001233010-\$ or JP-2001021577-\$ or JP-2000258447-\$ or JP-2000018241-\$ or JP-11078408-\$ or JP-2003279425-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/13 16:17
S45	4	contact near2 angle and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 14:25
S46	3020	(contact with angle with (difference differentiat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/13 16:17
S47	222	S46 and ((rolling near2 elements) (balls) (bearings)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/13 16:17
S48	54	S47 and (sens\$3 detect\$3 measur\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/13 16:17